Clearance SALE

WAREHOUSE LEFTOVERS, items "bumped" from catalog; first-come, first-serve Prices good thru 2-84, F.O.B. Lima, Ohio. (UPS now takes 70 lbs packages)

Fair Radio Sales Co.

P. O. Box 1105 -- 1016 E. Eureka St.

Lima, Ohio 45802 419/227-6573

W.U. INTRAFAX

TRANSMITTER SCANS THE DATA THAT IS FED INTO THE MACHINE WITH A LIGHT SOURCE AND PHOTO ELECTRIC CELL WHICH IS AMPLIFIED AND SENT BY WIRE TO THE RECORDER WHICH THEN REPRODUCES THE DATA ON SENSITIZED PAPER 1½" WIDE. THE TRANSMITTER USES TUBES 1/1X2, 1/6C4, 1/6AQ5, 1/931A (PHOTOELECTRIC), LIGHT SOURCE, SYNCHRONIZING MOTORS, GEARS ETC.
THE RECORDER DOES NOT HAVE ANY TUBES BUT HAS THE SCANING MECHANISM, MOTORS, RELAYS ETC. EQUIPMENT OPERATES FROM 115 VOLT 60 CYCLE BUT DOES NOT HAVE THE POWER SUPPLY REQUIRED THE THE TUBES, PHOTO-ELECTRIC, LIGHT SOURCE AND SCANNING CIRCUITS.
TRANSMITTER SIZE 18x18x7; WT: 40 LBS. #7762A
RECORDER SIZE 18x12x7; WT: 33 " #7771A

#7771A only, unused, $35.

100-TURN COUNTER

100-TURN COUNTER WITH CRANK, turns from 0.1 to 99.9; front plate 3"x3". Shaft 2¼"L x ¼" dia.; coupler included. Gray or black as available. 3 lbs sh wt. #939-COUN, removed, $14.95
(Crank or spin knob as available)
10-TURN COUNTER WITH SPIN KNOB, turns 0.1 to 9.9; front plate 3"x3". Shaft ½"L x ¼" dia.; w/coupler. Gray or black as available. 2 lbs sh. #939-COUN-10T, ~~$10.95~~ $9

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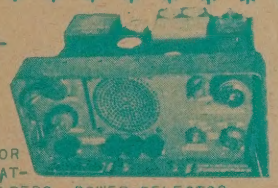


PP-308/URR POWER SUPPLY; OUTPUT VOLTAGES OF 90 VDC, 1.4 VDC, AND --4.2 VDC. A PORTABLE UNIT WHICH CAN OPERATE FROM 115v. 60 CYCLE LINE OR FROM 6, 12 OR 24 VOLT VEHICULAR BATTERY; WITH FUSE HOLDERS, POWER-SELECTOR SWITCH, POWER ON-OFF SW, SPEAKER ON-OFF SW, AND SPEAKER FOR A RECEIVER". TAKES 4 COND. FEMALE CONNECTOR (NOT AVAILABLE). WITH TUBES 2/6AG7 AND OB2. SIZE: 5½x8x12 WT: 30 LBS.

Needs repair, less vibrators, $20. CABINET for R-174/PP-308, no cable $9. AN/GRR-5 MANUAL, $7.50

AIRCRAFT MULTIMETER, with scales 1 to 300 VAC and 1000 VDC; 1 to 1000 MADC; and 1 to 1 megohm. Has 4" dia. meter, FS=1 ma. Two 6111 twin triodes requiring 100-165 plate volts. Needs external power supply. Meter circuitry similar to H-P 410B/ME-26. No covers. 9½x5x10 15 lbs. sh. Used, ~~w/ME-26~~ schematic, ~~$29.95~~

W/proper schematic, $12.

TV-7 TUBE TESTER

TV-7 TUBE CHECKER, portable unit tests most military and older commercial receiving and low-power transmitting tubes. Indicates dynamic mutual conductance, emission, gas, noise, and shorts. Test sockets for octal, loctal, 4-,5-,6-,7-pin, 7- and 9-pin miniature, acorn, flat and round subminiature tube base sizes. With tube test data book. Requires 115 VAC 50-1000 Hz. 6¾x8½x15¾, 22 lbs sh. TV-7, used-reparable $40. ~~Checked, $65.00~~ TV-7D, more recent version but checks same tubes; Used-reparable, $60. ~~Checked, $85.~~ MANUAL f/TV-7, $7.50; Adapters for 2C39, for 829/832, for sub-mini long lead, $7.00 each.

VACUUM

JENNINGS, unused surplus; quantities ltd.

#UCSXF-1200-7.5 1200 pf 7.5 KV w/24 VDC motor tune, $155.00
#UCSXF-1500-7.5, 1500 pf 7.5 KV; manual tune $135.

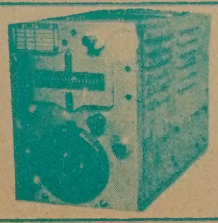
H-P 522B ELECTRONIC DECADE COUNTER, 10 Hz to 120 KHz FREQ. RANGE; PERIOD: .00001 Hz TO 10 KHz. TIME INTERVAL: 10 u-SEC TO 100K SEC. RACKMOUNT, 19x10½x13¾; SHPG WT: 60 LBS. USED, REP, $65. MANUAL, $8.50

ALTEC TRANSISTOR AMP

ALTEC LANSING 456B TRANSISTOR AMPLIFIER for voice communications or as part of telephone repeater system; response 200-6000 Hz. -22 db max power input; +17 db max power output. Input variable -2 db to 39 db. Simplex 100 ma max; unbalanced 5 ma. Input/output impedance 600 ohm; 24/48 VDC. 1½x1½x5. 2 lbs. ~~$4/$12.~~

#456B w/broken center guide pins only, 4/$10.
#455B, 47-52 VDC, 4/$12.
#447B, 24 VDC, 4/$12.00

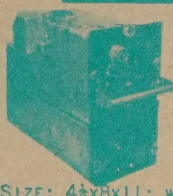
BC-459/T-22 COMMAND TRANSMITTER, 6-9.1 Mhz; 17 lbs sh Black finish, Used, $24.95



225-400 MHZ RECEIVER

R-482/URR-35 RECEIVER, 225 to 400 Mhz AM and MCW in one continuously tunable band. Dual conversion: 18.6 Mhz 1st IF, 1.775 Mhz 2nd. Provisions for panadapter with 600 Khz bandwidth. Antenna input impedance: 50 ohms. Audio output: 600 mw into 600 ohms. Power required: 115 VAC 60 Hz. 8½x17½x19½, 65 lbs sh wt. Used-reparable $90 Checked, $145. MANUAL, partial repro, $10.00

U.H.F. REC-TRANS.



TRANSMITTER - RECEIVER W/S CDN No. 29 "B" SET. APPROX. 230 TO 245 MC WITH 12/24 VDC POWER SUPPLY SELF CONTAINED AND TUBES 4/6AG5, 2/6AK6, 2/6C4 & 3/6J6 TWO PRESET CHANNELS IN THE FREQ. RANGE (IDEAL SET FOR LOCAL NETTING ON 1 METERS)
SIZE: 4½x8x11; WT: 18 LBS.
PRICE: USED $18.95

RECEIVER 1.5 -18.5 MC

R-105/ARR-15 RECEIVER; DESIGNED FOR NAVAL AIRCRAFT COMMUNICATIO IN THE 1.5 TO 18.5 MC IN SIX BANDS WITH MULTICHANNEL PRESET FREQ. OR VARIABLE CONTINUEOUS TUNING FOR AM VOICE, CW AND MCW RECEPTION, THE SET MAY BE OPERATED MANUALLY OR ELECTRICALLY ON ANY TEN PRESET CHANNELS BY USE OF THE AUTOTUNE. ALL CONTROLS ARE ON THE FRONT PANEL. WITH TUBES 1/12A6, 3/12SJ7, 1/12H6, 2/12SL7 & 5/12SG7. VOLTAGE REQUIRED 24/28 VOLT DC FOR FILAMENTS, MOTOR, RELAYS AND DYNAMOTOR THAT HAS A OUTPUT OF 220 VDC @ 95 MA.
SIZE: 8x10½x21½; WT: 50 LBS.

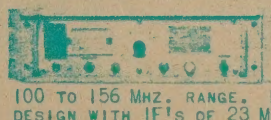
Reparable, $65; Chkd, $100 Manual, partial repro $15.

RADIAC SET

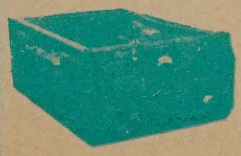
AN/PDR-27 PORTABLE RADIATION DETECTOR CONSISTING OF IM-74 RADIAC METER AND DT-53 DETECTOR PROBE WITH BS-1 GEIGER-MULLER TUBE. METER INDICATES AMOUNT OF BETA AND GAMMA RADIATION IN MILLIROENTGENS PER HOUR. RANGE SCALER FOR 0.5, 5, 50, AND 500 M-RTNGS/HR. BNC CONNECTION FOR HEADSET MONITORING. USES BATTERIES (NOT AVAILABLE) WHICH SUPPLY 135 VDC, 22.5 VDC, AND 1.5 VDC. SIZE: 8x6x12½; 15 LBS. SH. USED. REPARABLE, TRANSIT CASE, $5; BOOK $5.

IM-74, AS-IS less probe; 90% complete, $14.00
Z-101/PDR-27 adapter, $10.
IM-68-75/PDR-18 GAMMA RADIAC, 500 rm/hr max; uses 6-"D" cells; internal probe, AS-IS - 90% complete only, $22.00

R-518 RECEIVER



R-518/FRR-27 RECEIVER, SINGLE-CHANNEL CRYSTAL-CONTROLLED RECEPTION OF AM OR TONE SIGNALS IN THE 100 TO 156 MHZ. RANGE. DOUBLE CONVERSION DESIGN WITH IF'S OF 23 MHZ AND 3 MHZ. AUDIO OUTPUT: 1.5 WATTS INTO 200-600 OHMS, 15 MW PHONE. ANTENNA INPUT: 50 OHMS UNBALANCED. WITH SQUELCH AND TUBES 3/12AT7, 2/6AU6, 5654 2/6AV6, & 6005. POWER REQUIRED: 115 VAC 50-60 Hz. SIZE: 19½x6x18¾; 45 LBS. USED, **$35.**



PP-894/GRC-32B POWER SUPPLY; FULL-WAVE RECTIFICATION. DC OUTPUT: 27.5 VOLTS @ 20 AMPS. INPUT: 105 TO 250 VAC 50/60 Hz. SIZE: 24x16x9¼, 100 LB PRICE: USED, $49.50

BOOSTER

G4M AMMUNITION BOOSTER ASSEMBLY; GEARED MOTOR MOUNTED IN A "U" TYPE FRAME WITH THE SHAFT AND SPROCKETS INSIDE THE "U", SPROCKETS ARE 3½" DIA. & 3½" APART. MOTOR OPERATES FROM 24 VOLT 400 CYC 3 PHASE BUT BY USING 4 MFD. CAPACITOR MOTOR WILL OPERATE FROM 24 V. 60 CYC AT 20 RPM FOR SPROCKETS, USE OF HIGHER CAPACITY WILL INCREASE RPM AND TORQUE. (INSTRUCTIONS FURNISHED) OUTER FRAME OF STAINLESS STEEL EASILY REMOVED MOTOR & "U" FRAME SIZE 7¼x2¾x5¼; WT: 10 LBS. GE#T-9160256-G4M UNUSED $4.95

GRC FSK CONVERTER

CV-278 FREQUENCY SHIFT CONVERTER USED TO CONVERT FREQUENCY SHIFT SIGNALS TO NEUTRAL OR POLAL MARKING OR DC IMPULSES. THE FREQ. SHIFT-KEYED (FSK) SIGNALS ARE RECEIVED FROM THE I.F. OF THE RECEIVER WITH A RANGE OF 450 TO 500 KC AND ARE CONVERTED TO DC IMPULSES AND USED FOR OPERATION OF TELETYPEWRITER OR REPERFORATOR MACHINES. CRYSTAL CONTROL, BAND WIDTH 1500 CPS. WITH TUBES 2/26A6, 1/26A7, DIODES 1/1N63, 2/1N69. VOLTAGE REQ. 28 VDC @ 2.0 AMPS. SIG. INPUT METER 0-100 & DISC. 50-0-50 1-3/4" MICROAMP. SIZE: 9½x13¾x7¼; WT: 23 LBS. USED $40.00

Connectors (2), $3 each.

RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH USED FOR RE-CONTROL OF RADIO SET, OPERATES FROM 4 FLASHLIGHT BATTERIES. HAS MULTI-TAP TRANSFORMER, MIC, PHONE HIGH/LOW IMPEDANCE & JACKS. BASIC UNIT FOR MAKING MACY'S PATCH. SIZE: 7¼x3½x5¼; WT: 5 LBS. PRICE: USED $3.00 NEW $6.

RM-53 REMOTE CONTROL UNIT BASICLY THE SAME AS RM-52 ONLY IT HAS A 3 POSITION SWITCH AND CORDS WITH PL-55 AND PL-68 PLUGS. SIZE: 8½x4½x4½: 6 LBS. PRICE: RE-NEW $7.

Used less plugs, $3.00

RADIO TELEPHONE LINK

AN/TRC-47 RADIO TELEPHONE LINK, connects radio voice communications to two-line telephone systems. Consists of transmitter, receiver, and signal converter sections. Operates on a single crystal-controlled channel in the 132-150 Mhz band Carrier output: 7 watts. Converter changes 20 Hz ringing signal into a radio transmittable 800 Hz signal and vice versa. Used in pairs, the sets can establish links upto three miles apart. With built-in speaker, tuning meter, and tubes 3/0A2, 3/0B2, 2E26, 5R4, 4/6AK5, 2/6AK6, 6AQ5, 6AS6, 6AX5, 2/6BA6, 2/6J6, 2/6L6, 3/6X4, 4/12AT7, 2/12AU7, 2/12AX7, and 5763. Power required: 115/230 VAC 50-400 Hz. 21½x14¾x22¾; 100 lbs. sh. Used, reparable $55.

#19 MK II ACCESS.

ZA/CAN-2093 HEADSET & MIC; 50 OHM MOVING COIL TYPE HEADSET. STEEL HEADBAND HAS 3½" FELT CUSHIONS. MIC IS 6¾" LONG; 50 OHM, PUSH-TO-TALK. WITH 4 FOOT CORD AND 5-CIRCUIT CANADIAN PLUG. Same as

#7 chestset; unused $12.

#7 MIC only, unused, $5.00

6/12-pin RT/PS cable, $6.

MK-II POWER SUPPLY new $22

#3 JUNCTION BOX unused $6

TRANSISTORIZED SCOPE

OS-106/USM-117 TRANSISTORIZED OSCILLOSCOPE, DC to 5 Mhz bandwidth, 4QP2 rectangular CRT, and is very compact. Includes MX-2996 high gain vertical plug-in plus has dual-trace capabilities when used with MX-2995 plug-in (not available). Sweep range: 0.1 usec to 0.1 sec in 19 calibrated steps in 1, 2, 5, 10 sequence. Vertical sensitivity: 0.01 v/div to 20 v/div in 11 calibrated steps in 1, 2, 5, 10 sequence, variable to 50 v/div. Input impedance: 1 Mohm shunted by 47 pf. Calibrator generates 1 Khz square wave at either 0.04 or 0.4 V p-p. Probe and cover not available. Requires 115 VAC 50-60 Hz or 400 Hz. 8½x9¾x14¾; 28 lbs. Used, reparable, $185.00 Checked, $285. MANUAL, repro, $15 w/purchase.

RO-28/UNH-6 2 CHANNEL TAPE RECORDER USES ¼ INCH TAPE 7" REELS FOR 45 MINUTE RECORDING TIME. USES TWO 28VDC MOTORS, ONE AS CAPSTAN DRIVE MOTOR OTHER AS TAKE UP MOTOR. POWER REQUIRED 28 VDC FOR MOTOR AND FILAMENTS, 115V 400HZ SUPPLIES B PLUS FOR TUBES. HAS ONE 1¾" VU METER TO SET LEVELS. TUBES 6TF4, 26Z5, 0A2, 5/5703, 2/6533 SIZE 8x5x19½ LONG SHPG WT: 30 LBS. Used $24.95

Unused-no tubes, meter $12

ECHO BOX

TS-172 ECHO BOX 1215-1370 MHZ, USED TO FIELD TEST RADAR SETS. CONSISTS OF A HIGH "Q" RESONATOR EXCITED BY MEANS OF LOOP THAT IS CONNECTED TO THE SET BY MEANS OF A R.F. CABLE. AN AUXILIARY LOOP IS CONNECTED TO A POWER METER WHICH SERVES AS THE TUNING INDICATOR. A SLIDE CHART IS MOUNTED ON THE FRONT INORDER TO DETERMINE THE RING TIME OF THE EQUIPMENT. SHIPPED IN CARRYING CASE SIZE: 19¾x17½x17½; WT: 75 LBS. PRICE: USED $65.00 MANUAL $7.50

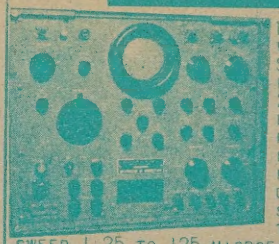
Ship UPS in two packages.

HRO COIL, 1.5-4 MC FITS NATIONAL HRO-SERIES RECEIVERS. 6 LBS.

"JD"-HRO coil, NEW $12.95

"E", 900-2050 Khz, $12.95

OSCILLOSCOPES



USM-24 OSCILLOSCOPE WITH 3JP1 C.R. TUBE. SINE WAVE RESPONSE, FLAT WITHIN -3DB FROM 2 CYC TO 8 MC. TRANSIENTS RESPONSE .04 MICROSEC. RISE, POLARITY POSITIVE UPWARD AND NEGATIVE DOWNWARD DEFLEXTION, RECURRENT SWEEP 8CYC PER. SEC. TO 600 KC., TRIGGERED SWEEP 1.25 TO 125 MICRSEC., VERT. DEFL. SENSITIVITY .035, HORIZ. DEFLEC. 4.0v, HORIZ. RESPONSE .5 CYC PER SEC. TO 700 KC. VERT. RESPONSE 4 CYC PS. TO 10MC. BEAM MOD. RESPONSE 50 CYC PS. TO 10 MC; HORIZ. INPUT IMP. 300,000 OHMS, BEAM MOD. INPUT RESISTANCE. 56,000 OHMS SIGNAL AMPLIFICATION IS UNIFORM OVER A WIDE FREQ. RANGE. A CALIBRATING GENERATOR FOR ACCURATE MEASURE. OF INSTANT. VALUES OF SIGNAL, WITH CHOICE OF 5 TIME MARKERS. ALL OPERATING CONTROLS AND CONN. ARE ON THE FRONT PANEL. INPUT AND OUTPUT CONNECTIONS USE BCN CONNECTORS. POWER REQUIRED 115 VOLT 50 TO 1600 CYC. IZE: 15x17½x16; WT: 55 LBS. SHPG. WT: 65 LBS. OLD AS "COMPLETE, NOT CHECKED WITHOUT GUARENTEE TO THE LIFE OF THE POWER TRANSFORMER. PROBES AND OTHER ACCESSORIES EXTRA."

PRICE: OS-26/USM-24 "AS-IS" $39.50
OS-51/USM-24C "AS-IS" $49.50
PROBES: CG-883. 10:1 ATTENUATOR $7.50 EA

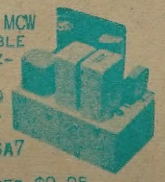
Cathode Follower probe $8.

0-16/ART-13 200-600 Khz, 500-1500 Khz OSCILLATOR

OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5½x5½x9; WT4LBS.

Used, $16.95

CDA-T CRYSTAL OSCILLATOR UNIT FOR ART-13B TRANSMITTER; USED TO CONVERT TO CRYSTAL CONTROL FOUR CHANNELS ON LOW FREQ. 300-500 KC, CRYSTAL SOCKET SIZE 5/32 DIA. 13/16x1/2 RECTANGULA SELECTED FROM THIS UNIT. 10 CHANNEL CRYSTAL CONTROL FROM 1670 TO 18000 KC SELECTED FROM TRANS. CRY. SOC. SIZE 3/64" DIA. PINS SPACED ½" C-C. W/TUBES 1625 & 6AQ5 ALSO 10/24VDC RELAYS, PLUGS INTO FRONT, DOES NOT EFFECT OPERATION OF VFO HIGH BAND. WT: 6 LBS. SIZE 5½x5½x9. USED $9.95



ART-13 CRYSTAL CALIBRATOR AND MCW OSCILLATOR UNIT; PROVIDES STABLE 50 KC FUNDEMENTAL FREQ. UTILIZING A 200 KC. CRYSTAL THAT IS USED TO CHECK THE CARRIER FREQ OF THE TRANS. OSC. A 1000 CYC. TONE IS ALSO PROVIDED FOR MCW OPERATION. WITH 2/12SL7, 1/12SA7 TUBES AND 200 KC. CRYSTAL. SIZE: 6x5x3; WT: 4 LBS. RE-MOVED $9.95

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COLLINS 51S1 0.5-30 Mhz RECEIVER, rackmount w/ book. Used-checked $999.

CANADIAN HEAD & MIC SET, 50 ohm DC-res rec-elements; metal mic, 5-circuit plug, chamois cushions. 4 lb #CAN-HM50. Used, $3.50

M301 Chamois cush-New $2

PYE VHF BASE STATION, single channel crystal-controlled. Receiver solid-state; transmitter uses 5894 or similar in P-A plus other tubes. 115/230 VAC 60 Hz. Canada mfg, no info. UPS 2-pkg 100 lbs. #PYE-VHF, $60. Connectors (2), $3 each

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PYE UHF BASE STATION, two receiver panels; xmitter uses 4X150A in P-A. Otherwise similar to above; 140 lbs sh. #PYE-UHF, used, $85.00

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PYE "AS-IS" PARTS UNITS
#PYE-VHF-RP receiver $7
#PYE-UHF-RP receiver $8
#PYE-VHF-XP xmitter w/o tubes, meter, $10.

PYE SPEAKER CONTROL, 2 selectable 3x5 speakers, volume controls; 26 lbs. sh. #PYE-SPK, used, $16.00